

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3379	chelate and protein and metal and mass adj spectrometry	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:30
L2	3136	chelate and protein and metal and mass adj spectrometry and enzyme	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:31
L3	3612	chelate and mass adj spectrometry and enzyme	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:32
L4	2405	chelate and mass adj spectrometry and enzyme and hplc	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:32
L5	616	chelate and mass adj spectrometry and enzyme and hplc and MALDI	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:33
L6	481	I5 and label	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:33
L7	0	I5 and label and support adj material and covalent and bind	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:34
L8	41	I5 and label and support adj material and covalent and bind	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:36
L9	1	I8 and (krause or scler or bottger or linscheid)".in"	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:37
L10	12	I6 and (krause or scler or bottger or linscheid)".in"	US-PGPUB; USPAT; DERWENT	OR	ON	2007/08/24 11:37

=> s chelate and protein and mass (w) spectrometry and label and support (w) material

L4 0 CHELATE AND PROTEIN AND MASS (W) SPECTROMETRY AND LABEL AND SUPPORT (W) MATERIAL

=> s chelate and protein and mass (w) spectrometry and label

L5 10 CHELATE AND PROTEIN AND MASS (W) SPECTROMETRY AND LABEL

=> s l5 and HPLC

L6 1 L5 AND HPLC

=> d ibib l5 1-10

L5 ANSWER 1 OF 10 MEDLINE on STN

ACCESSION NUMBER: 2007445602 IN-PROCESS

DOCUMENT NUMBER: PubMed ID: 17602570

TITLE: Self-assembled monolayers for MALDI-TOF mass spectrometry for immunoassays of human protein antigens.

AUTHOR: Patrie Steven M; Mrksich Milan

CORPORATE SOURCE: Department of Pathology, University of Chicago, Chicago, Illinois 60637, USA.

SOURCE: Analytical chemistry, (2007 Aug 1) Vol. 79, No. 15, pp. 5878-87. Electronic Publication: 2007-06-28. Journal code: 0370536. ISSN: 0003-2700.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, N.I.H., EXTRAMURAL)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)

LANGUAGE: English

FILE SEGMENT: NONMEDLINE; IN-PROCESS; NONINDEXED; Priority Journals

ENTRY DATE: Entered STN: 1 Aug 2007

Last Updated on STN: 17 Aug 2007

L5 ANSWER 2 OF 10 MEDLINE on STN

ACCESSION NUMBER: 2006245012 MEDLINE

DOCUMENT NUMBER: PubMed ID: 16432255

TITLE: A tandem affinity tag for two-step purification under fully denaturing conditions: application in ubiquitin profiling and protein complex identification combined with in vivocross-linking.

AUTHOR: Tagwerker Christian; Flick Karin; Cui Meng; Guerrero Cortnie; Dou Yimeng; Auer Bernhard; Baldi Pierre; Huang Lan; Kaiser Peter

CORPORATE SOURCE: Department of Biological Chemistry, School of Medicine, University of California Irvine, California 92697-1700, USA.

CONTRACT NUMBER: GM-74830 (NIGMS)

SOURCE: Molecular & cellular proteomics : MCP, (2006 Apr) Vol. 5, No. 4, pp. 737-48. Electronic Publication: 2006-01-23. Journal code: 101125647. ISSN: 1535-9476.

PUB. COUNTRY: United States

DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
(RESEARCH SUPPORT, N.I.H., EXTRAMURAL)
(RESEARCH SUPPORT, NON-U.S. GOV'T)
(RESEARCH SUPPORT, U.S. GOV'T, NON-P.H.S.)

LANGUAGE: English

FILE SEGMENT: Priority Journals

ENTRY MONTH: 200606

ENTRY DATE: Entered STN: 4 May 2006

Last Updated on STN: 22 Jun 2006

Entered Medline: 21 Jun 2006

L5 ANSWER 3 OF 10 MEDLINE on STN
 ACCESSION NUMBER: 2004033914 MEDLINE
 DOCUMENT NUMBER: PubMed ID: 14733576
 TITLE: Element-coded affinity tags for peptides and proteins.
 AUTHOR: Whetstone Paul A; Butlin Nathaniel G; Corneillie Todd M; Meares Claude F
 CORPORATE SOURCE: Department of Chemistry, University of California, One Shields Avenue, Davis, California 95616, USA.
 CONTRACT NUMBER: CA16861 (NCI)
 GM25909 (NIGMS)
 RR014701 (NCRR)
 SOURCE: Bioconjugate chemistry, (2004 Jan-Feb) Vol. 15, No. 1, pp. 3-6.
 Journal code: 9010319. ISSN: 1043-1802.
 PUB. COUNTRY: United States
 DOCUMENT TYPE: Journal; Article; (JOURNAL ARTICLE)
 (RESEARCH SUPPORT, U.S. GOV'T, P.H.S.)
 LANGUAGE: English
 FILE SEGMENT: Priority Journals
 ENTRY MONTH: 200403
 ENTRY DATE: Entered STN: 22 Jan 2004
 Last Updated on STN: 10 Mar 2004
 Entered Medline: 9 Mar 2004

L5 ANSWER 4 OF 10 BIOSIS COPYRIGHT (c) 2007 The Thomson Corporation on STN
 ACCESSION NUMBER: 2002:55236 BIOSIS
 DOCUMENT NUMBER: PREV200200055236
 TITLE: A derivative of diethylenetriaminepentaacetic acid for europium labeling of proteins.
 AUTHOR(S): Lee, Reiko T.; Lee, Yuan C. [Reprint author]
 CORPORATE SOURCE: Department of Biology, Johns Hopkins University, 3400 N. Charles Street, Baltimore, MD, 21218, USA
 yclee@jhu.edu
 SOURCE: Bioconjugate Chemistry, (November-December, 2001) Vol. 12, No. 6, pp. 845-849. print.
 CODEN: BCCHEs. ISSN: 1043-1802.
 DOCUMENT TYPE: Article
 LANGUAGE: English
 ENTRY DATE: Entered STN: 9 Jan 2002
 Last Updated on STN: 25 Feb 2002

L5 ANSWER 5 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2007:818042 CAPLUS
 DOCUMENT NUMBER: 147:184220
 TITLE: Method and diagnostic kit for simultaneous identification and quantification of individual biomolecules or biomolecules which are present in mixtures and their modifications
 INVENTOR(S): Jakubowski, Norbert; Roos, Peter H.
 PATENT ASSIGNEE(S): Gesellschaft zur Foerderung der Analytischen Wissenschaften E. V., Germany; Forschungsgesellschaft fuer Arbeitsphysiologie und Arbeitsschutz E. V.
 SOURCE: PCT Int. Appl., 43pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007082833	A1	20070726	WO 2007-EP50254	20070111

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
 CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
 GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN,
 KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK,
 MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO,
 RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT,
 TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
 RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
 IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
 CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
 GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM

DE 102006001793 A1 20070726 DE 2006-102006001793 20060112
 PRIORITY APPLN. INFO.: DE 2006-102006001793A 20060112
 REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 6 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2007:693024 CAPLUS
 TITLE: Self-Assembled Monolayers for MALDI-TOF Mass
 Spectrometry for Immunoassays of Human
 Protein Antigens
 AUTHOR(S): Patrie, Steven M.; Mrksich, Milan
 CORPORATE SOURCE: Department of Pathology and Department of Chemistry &
 Howard Hughes Medical Institute, University of
 Chicago, Chicago, IL, 60637, USA
 SOURCE: Analytical Chemistry (Washington, DC, United States)
 (2007), 79(15), 5878-5887
 CODEN: ANCHAM; ISSN: 0003-2700
 PUBLISHER: American Chemical Society
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 REFERENCE COUNT: 80 THERE ARE 80 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 7 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:1117519 CAPLUS
 DOCUMENT NUMBER: 143:435367
 TITLE: A protein fingerprinting method for
 analyzing biological sample
 INVENTOR(S): Xu, Yang
 PATENT ASSIGNEE(S): Peop. Rep. China
 SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 12 pp.
 CODEN: CNXXEV
 DOCUMENT TYPE: Patent
 LANGUAGE: Chinese
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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CN 1566953	A	20050119	CN 2003-148375	20030702
PRIORITY APPLN. INFO.:			CN 2003-148375	20030702

L5 ANSWER 8 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2005:182279 CAPLUS
 DOCUMENT NUMBER: 142:257284
 TITLE: Method and device for biochemical detection and
 analysis of subcellular compartments from a single
 cell
 INVENTOR(S): Chiu, Daniel T.; Sun, Bingyun; Shelby, James Patrick;
 Edgar, John Scott; Jeffries, Gavin; Lorenz, Robert M.;
 Kuo, Jason S.; He, Mingyan; Allen, Peter B.; Mutch,
 Sarah; Kuyper, Christopher L.; Fiorini, Gina S.; Lim,

David S. W.
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 31 pp.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2005048581	A1	20050303	US 2004-926656	20040825
PRIORITY APPLN. INFO.:			US 2003-497874P	P 20030825

L5 ANSWER 9 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2003:532857 CAPLUS
 DOCUMENT NUMBER: 139:81596
 TITLE: Microarrays with improved structured-functional bonding matrices for biomolecules
 INVENTOR(S): Weber, Achim; Schiestel, Thomas; Tovar, Guenter; Brunner, Herwig; Rupp, Steffen; Hauser, Nicole
 PATENT ASSIGNEE(S): Fraunhofer-Gesellschaft Zur Foerderung Der Angewandten Forschung E.V., Germany
 SOURCE: PCT Int. Appl., 92 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003056336	A2	20030710	WO 2002-EP14769	20021227
WO 2003056336	A3	20040408		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
DE 10164309	A1	20030710	DE 2001-10164309	20011228
CA 2471920	A1	20030710	CA 2002-2471920	20021227
AU 2002358799	A1	20030715	AU 2002-358799	20021227
EP 1461619	A2	20040929	EP 2002-793118	20021227
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
JP 2005524829	T	20050818	JP 2003-556808	20021227
US 2005048570	A1	20050303	US 2004-500425	20040907
PRIORITY APPLN. INFO.:			DE 2001-10164309	A 20011228
			WO 2002-EP14769	W 20021227

L5 ANSWER 10 OF 10 CAPLUS COPYRIGHT 2007 ACS on STN
 ACCESSION NUMBER: 2002:615942 CAPLUS
 DOCUMENT NUMBER: 137:165832
 TITLE: Activity based probe analysis
 INVENTOR(S): Patricelli, Matthew P.
 PATENT ASSIGNEE(S): Activx Biosciences, Inc., USA
 SOURCE: PCT Int. Appl., 62 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 2
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002063271	A2	20020815	WO 2002-US3808	20020205
WO 2002063271	A8	20021024		
WO 2002063271	A3	20030710		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002247097	A1	20020819	AU 2002-247097	20020205
EP 1364209	A2	20031126	EP 2002-714857	20020205
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR			
US 2003175986	A1	20030918	US 2002-49164	20021021
US 7083987	B2	20060801		
PRIORITY APPLN. INFO.:			US 2001-266687P	P 20010205
			US 2001-339424P	P 20011211
			WO 2002-US3808	W 20020205
OTHER SOURCE(S):	MARPAT 137:165832			

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L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN
AB A method and system for performing biochem. detection or anal. on micro- and nanoscale subcellular component within a single biol. cell is provided. An integrated platform device and method to perform the biochem. anal. is also provided.